

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for processing location information in an intelligent network system connected to a telecommunication system, especially to a mobile communication system, the location information being composed of digits and being in a form suitable for the intelligent network system, the method comprising

maintaining predefined commands for processing location information,

obtaining location information,

attaching a symbol to each digit of the obtained location information to indicate the relevance of said digit to the processing purpose, and

processing at least one digit of the obtained location information indicated to be relevant according to the predefined commands.

2. (Original) A method according to claim 1, the method further comprising forming reference location information,

attaching a symbol to each digit of the reference location information, the symbols forming a symbol mask and the values of said symbols being defined by an operator of the intelligent network system, and indicating the relevance of the digits to processing the location information,

comparing location information comprised by said intelligent network to the symbol values of said symbol mask of the reference location information such that, as a response to said comparison, the location information is obtained wherein the digits indicated to be relevant by the symbol values of said symbol mask of the reference location information equal corresponding digits of said reference location information, and

processing said obtained location information according to predetermined commands.

3. (Original) A method according to claim 2, the method further comprising removing the attached symbol mask from the location information prior to transmitting said location information from the intelligent network to said telecommunication system.

4. (Original) A method according to claim 2, the method further comprising separating the relevant digits from the obtained location information for further processing.

5. (Original) A method according to claim 4, the method further comprising transmitting said relevant digits from the intelligent network to a terminal of the telecommunication system.

6. (Original) A method according to claim 1, wherein said telecommunication system is a GSM system and said location information is a CGI code.

7. (Original) A method according to claim 1, wherein said method is implemented in connection with Localised GSM Services (LGS).

8. (Original) A method according to claim 1, wherein said symbols are presented by bits.

9. (Original) An intelligent network system comprising coupling means for linking the intelligent network system to a telecommunication system, transmission means for transmitting location information between said intelligent network system and said telecommunication system, the location information being composed of digits, processing means for processing and modifying the location information into a form suitable for the intelligent network system, entering means for an operator of the intelligent network system to enter commands for processing the location information, and storing means for storing the location information, wherein said processing means are arranged to

attach a symbol to each digit of the location information to indicate the relevance of said digit to the processing purpose and process at least one digit of the location information indicated to be relevant according to predefined commands.

10. (Original) An intelligent network system according to claim 9, wherein said processing means are arranged to
form reference location information,

attach a symbol to each digit of the reference location information, the symbols forming a symbol mask and the value of said symbol being defined by said commands and indicating the relevance of the digit to processing the location information,

compare location information in said storing means to the symbol values of said symbol mask of the reference location information such that, as a response to said comparison, location information is obtained wherein the digits indicated to be relevant by the symbol values of said symbol mask of the reference location information equal corresponding digits of said reference location information, and

process said obtained location information according to predetermined commands.

11. (Original) An intelligent network system according to claim 10, wherein said processing means or said transmitting means are arranged to remove the attached symbol mask from the location information prior to transmitting said location information from the intelligent network system to said telecommunication system.

12. (Original) An intelligent network system according to claim 10, wherein said processing means are arranged to separate the relevant digits from the obtained location information for further processing.

13. (Original) An intelligent network system according to claim 12, wherein said transmitting means are arranged to transmit said relevant digits from the intelligent network system to a terminal of the telecommunication system.

14. (Original) An intelligent network system according to claim 9, wherein said telecommunication system is a GSM system, and said location information is a CGI code.

15. (Original) An intelligent network system according to claim 9, wherein said intelligent network system supports the implementation of Localised GSM Services (LGS).

16. (Original) An intelligent network system according to claim 9, wherein said symbols are presented by bits.

17. (New) A network element for an intelligent network system linked to a telecommunication system, wherein location information composed of digits is transmitted between said intelligent network system and said telecommunication system, the network element comprising:

entering means for enabling entering commands for processing the location information; and

processing means for processing and modifying the location information into a form suitable for the intelligent network system, for attaching a symbol to each digit of the location information to indicate the relevance of said digit to processing purpose, and for processing at least one digit of the location information indicated to be relevant according to predefined commands.